

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: <b>400678428</b>			
Date Received: <b>09/03/2014</b>			

**SUNDRY NOTICE**

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 47120 Contact Name Cheryl Light  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461  
 Address: P O BOX 173779 Fax: (720) 929-7461  
 City: DENVER State: CO Zip: 80217-3779 Email: cheryl.light@anadarko.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 21293 00 OGCC Facility ID Number: 265852  
 Well/Facility Name: WEST FARMS Well/Facility Number: 3-14A  
 Location QtrQtr: NWNW Section: 14 Township: 3N Range: 67W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Survey Plat		
Directional Survey		
Srfc Eqpmt Diagram		
Technical Info Page		
Other		

**CHANGE OF LOCATION OR AS BUILT GPS REPORT**

- Change of Location \*       As-Built GPS Location Report       As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

**SURFACE LOCATION GPS DATA** Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ PDOP Reading \_\_\_\_\_ Date of Measurement \_\_\_\_\_  
 Longitude \_\_\_\_\_ GPS Instrument Operator's Name \_\_\_\_\_

**LOCATION CHANGE (all measurements in Feet)**

Well will be: \_\_\_\_\_ (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

FNL/FSL		FEL/FWL	
515	FNL	485	FWL

Change of **Surface** Footage **To** Exterior Section Lines:

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Current **Surface** Location **From** QtrQtr NWNW Sec 14

Twp 3N Range 67W Meridian 6

New **Surface** Location **To** QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_

Twp \_\_\_\_\_ Range \_\_\_\_\_ Meridian \_\_\_\_\_

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

810	FNL	2100	FWL
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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

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Current **Top of Productive Zone** Location **From** Sec 14

Twp 3N Range 67W

New **Top of Productive Zone** Location **To** Sec \_\_\_\_\_

Twp \_\_\_\_\_ Range \_\_\_\_\_

Change of **Bottomhole** Footage **From** Exterior Section Lines:

810	FNL	2100	FWL
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Change of **Bottomhole** Footage **To** Exterior Section Lines:

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Current **Bottomhole** Location Sec 14 Twp 3N Range 67W

\*\* attach deviated drilling plan

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_ Range \_\_\_\_\_

Is location in High Density Area? \_\_\_\_\_

Distance, in feet, to nearest building \_\_\_\_\_, public road: \_\_\_\_\_, above ground utility: \_\_\_\_\_, railroad: \_\_\_\_\_,  
 \_\_\_\_\_ property line: \_\_\_\_\_, lease line: \_\_\_\_\_, well in same formation: \_\_\_\_\_

Ground Elevation \_\_\_\_\_ feet Surface owner consultation date \_\_\_\_\_



Comments:

**ENGINEERING AND ENVIRONMENTAL WORK**

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

SPUD DATE: \_\_\_\_\_

**TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK**

Details of work must be described in full in the COMMENTS below or provided as an attachment.

NOTICE OF INTENT                      Approximate Start Date    09/17/2014

REPORT OF WORK DONE                      Date Work Completed    \_\_\_\_\_

<input type="checkbox"/> Intent to Recomplete (Form 2 also required)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Mangement Plan
<input type="checkbox"/> Change Drilling Plan	<input checked="" type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Change	<input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request.	
<input type="checkbox"/> Other _____	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

**COMMENTS:**

**BRADENHEAD**

West Farms 3-14A Bradenhead Prognosis

- 1 This well has a directional survey filed on the state website so no gyro is needed.
- 2 Call Wattenberg IOC (970-506-5980) least 24 hr prior to rig move. If not already completed, request that they catch and remove plunger, isolate production equipment and remove any automation equipment prior to the rig showing up. Install perimeter fence as needed.
- 3 MIRU Slick line. Fish plunger if necessary and tag for PBTB (should be at 8033').
- 4 Prepare location for base beam rig.
- 5 Notify mud company to have 10.0 ppg mud on standby.
- 6 Spot 25 jts of 2-3/8" 4.7# J-55 8RD EUE tbgs.
- 7 Spot 57 jts 1-1/4" 2.33# tbgs
- 8 MIRU WO rig. Kill well with fresh water with biocide. ND wellhead, NU BOPs.
- 9 Run two 2" lines from starting head to return tanks.
- 10 PU 8-10' landing joint with TIW safety valve on top and screw into the tbgs hanger. Back out the lock down pins and pull up on the tbgs string to break any possible sand bridges. Do not exceed 80% of tubing tensile strength, or 57,384-lb.
- 11 Unseat tbgs hanger and LD tbgs hanger and landing joint. Install rubber wiper in stripping head.
- 12 MIRU EMI equipment. TOOHS with 2-3/8" tbgs. EMI tbgs while TOOHS. Lay down joints with wall loss or penetrations >35%. Replace joints as necessary. Keep yellow and blue band tubing. Note joint number and depth of tubing leak(s) on production equipment failure report in OpenWellis. Clearly mark all junk (red band) tubing sent to yard.
- 13 TIH with 2-3/8" tbgs and 4.5" RBP (4.5" 11.6# 1-80). Set RBP at +/- 7100' (Collars at 7090' and 7120'). Spot 2 sx sand on top of RBP. TOOHS, LD tbgs.
- 14 Pressure test RBP/csg to 3,000 psi for 15 minutes. (Pressure test to make sure plug is set correctly)
- 15 ND BOP, un-land 4-1/2" csg, NU dual entry flange, NU BOP.
- 16 TIH with 57 jts 1-1/4" 2.33# tbgs to 1700'. Circulate at least 120 bbls (1.5x annular volume from 1700') of drilling mud with 10.0 ppg sweep at the end.
- 17 TOOHS with 7 jts of 1-1/4" tbgs to 1500'.
- 18 MIRU Cement company.
- 19 Commence pumping cement job consisting of 30 bbls fresh water and 63 bbl (265 sx) of Type III and 1/4 lb/sk cello-flake mixed at 14.8 ppg and 1.33 cuft/sk blended for a 3 hour pump time (Cement from 1500' to 455')
- 20 Break lines and clean up with fresh water. RMDO cement company.
- 21 TOOHS with 1-1/4" tbgs and circulate clean .
- 22 ND BOP, ND dual entry flange, re-land 4-1/2" csg, NU BOP.
- 23 Leave well shut in overnight.
- 24 MIRU wire line and run CCL-GR-CBL-VDL-Sector map from 1600' to 100'. Email logs to engineering and DJVendors@anadarko.com RMDO wire line.
- 25 TIH with 2 3/8" tbgs and retrieving head and tag sand above RBP at +/- 7100'. Circulate sand off RBP. Latch onto RBP and release RBP. TOOHS standing back all 2 3/8" tbgs and LD RBP.
- 26 TIH with 2-3/8" XN SN and 2-3/8" tbgs.
- 27 Land tbgs @ +/- 7885' (1 jt above top J-Sand perf). Broach tbgs to XN nipple.
- 28 ND BOP, NU master valve and hydrotest tubing head to 5,000 psi for 15 minutes.
- 29 RMDO WO rig.
- 30 Clean location and swab well back to production. Notify field foreman/field coordinator of finished work and turn well back over to production team.

**CASING AND CEMENTING CHANGES**

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top

**H2S REPORTING**

**Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.**

**Gas Analysis Report must be attached.**

H2S Concentration: \_\_\_\_\_ in ppm (parts per million)

Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

### **Best Management Practices**

**No BMP/COA Type**

**Description**

Operator Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Cheryl Light  
Title: Sr. Regulatory Analyst Email: DJRegulatory@anadarko.com Date: 9/3/2014

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SCHLAGENHAUF, MARK Date: 9/15/2014

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

	The additional cement referenced shall be placed as indicated and comply with Rule 317.i. The placed cement shall be verified with a CBL and documented with a Form 5 Drilling Completion Report.
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**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)

**Attachment Check List**

**Att Doc Num**

**Name**

400678428	FORM 4 SUBMITTED
400678433	OTHER

Total Attach: 2 Files